### Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.





### FAMOUS Indiana Dahlias

THIS LITTLE CATALOG

PRESENTS

EXTRAORDINARY OPPORTUNITIES

FOR THOSE WITH

GREAT LOVE OF FLOWERS

AND LITTLE MONEY

My Garden, with its silence and the pulses of fragrance that come and go on the airy undulations, affects me like sweet music. Care stops at the gates, and gazes at me wistfully through the bars. Among my flowers and trees, Nature takes me into her own hands, and I breathe freely as the first man.

—Alexander Smith

We Cordially Invite You To Come And View The Dahlias In Bloom;

Presenting the

Largest Selection Of Dahlias

To Be Found Anywhere.

Taken on a train,
With a pair of travelers
At each windowpane.
I may sit beside you
All the journey through;
Or, I may sit elsewhere
Never knowing you.
But, if Fate should mark me
To sit at your side,
Let's be pleasant travelers—
It's so short a ride!
—Charles Allen Branham.

### Welcome For 1938

To those ordering this season for the first time, we bid you-WELCOME!! We hope you will be as well pleased as some who have been with us for more than

twenty years, continuously.

To the latter, we can only show our greatest appreciation for their many favors during the past years and hope they enjoy an equally long line of years to come. It makes us feel inexpressibly sad whenever we get a catalog returned to us marked 'Addressee deceased.' know we all must eventually pass on, but it seems, nevertheless, a terrible wrench from those and what we loved here.

Let us impress upon you, especially if you are a beginner, that the price of a dahlia does not indicate it's There are hundreds of dahlias on the market at 50c, or even 25c, which are far superior to the average high-priced sorts. All worthy new introductions are, naturally, highly priced; but when, after two or three years, they are still held at a fairly high price it is a general indication, not that they are so very desirable, but that they have some great fault which prevents their becoming plentiful enough to be sold at a lower price.

Don't over fertilize!! If you want over-sized exhibition blooms it will pay you to do so, for the sake of getting a prize. But whenever you do force your dahlias you are running a risk of producing weak (though large) roots, which have a tendency to rot over winter. For exhibition blooms, if your soil needs fertilizer, use cow manure (not to touch the root or plant, however), or sheep manure, or a well-balanced commercial ferti-lizer at or before planting time worked into the soil. In the summer, when buds appear, broadcast a phosphate of some kind, and work into soil.

Many dahlias are planted that never come up because they are drowned; don't water at all unless your soil is very dry, before the bloom-buds start, then you may water copiously. Should it become necessary to water before blooming, soak the soil, then when dry enough, fine the top soil again with a rake or other tool. Never sprinkle Dahlias.

### Dahlia Do's and Dont's

### DON'T

Plant in dense shade.

Plant too close to trees or buildings. Plant before frost is out of the ground.

Pull up the clump at digging time.

Divide the clump until the eyes begin to sprout.

Let the tubers dry out and shrivel up over the winter.

### DO

Cultivate.

Prevent insects with good insecticide (Black Leaf 40 or other mixtures).

Clean up the garden in the fall. Burn the rubbish. This will destroy all grubs and cut worms.

Cut off a portion of the stem with the tuber when you divide.

Examine the roots during the winter.

Help your dahlias and they will help themselves.

### Very Important--Read All

Be sure to read your catalog throughout; it will pay you.

Our roots are especially hardy and rugged, because they are grown in poor soil, without fertilizer or stimulant of any kind. That is why they will grow well and produce profusely wherever planted, in any soil or climatic conditions, whereas, the ordinary roots sent out are grown in rich soil, well fertilized (to produce large clumps) and these produce weak growth and little or no bloom; also, poor roots. Our prices are no higher than the others, why not be sure and get the best. We guarantee our roots.

Our plants are the best and hardiest possible to be had. We take only heel or base cuttings (no top cuttings whatever) from hardy stock. These are grown in cool conditions making them stocky, vigorous, sure to grow and produce. If we produced them like some growers, under forcing conditions, we could produce three or four times the number of plants from the same stock; consequently could make more money at half the price. But, the customer would suffer.

Don't plant your tubers too early. Find out when corn-planting time is in your locality and plant then or later. Do not have your dahlia rots forwarded to you until planting time. We have never made it a practice to exhibit our dahlias in any competition. To do so, we would be compelled to practice high fertilizing, etc., in methods which we do not want to do. As we do not exhibit, we cannot claim prize-winning of any kind. We leave that to our customers, and the 20 odd years of successful business we have experienced proves that our customers are well satisfied. We have hundreds of personal letters telling of their successes in competition. Our vigorous roots pave the way to successful competition.

Our catalog contains the result of 25 years testing of the 10,000 or more different varieties of dahlias originated. We have, during that time, bought thousands of different varieties, which after testing were found wanting and discarded. We follow the same practice today; if a variety is found undesirable, no matter how famous or how many Honor Rolls, etc., it has taken (such, for instance, as American Legion) we discard it. We do not want to fool our customers, no matter how much profit there may be in it. We keep our cellars at a very cool temperature. This prevents the loss of vitality in roots; keeps them firm and full-stengthened. Consequently, no sprouts will appear until after April 1st to 15th; we cannot supply sprouted dahlias before eyes. If dahlias are sent out after May 1st, some may have fairly long sprouts on them. As it is not good to plant these sprouts, we generally cut them back. Don't think, if you receive a root with sprout cut off, that it is one we have taken 'slips' from; we never send out any roots which have been on the propagating bench.

When ordering, be sure to tell us when planting time (same as corn planting time) occurs in your locality.

### **OUR REFERENCES**

We have been doing business for 34 years continuously, with Union National Bank, in New Albany. Any bank or business house will testify to our fair dealing.

### Our Own Introductions For 1938

It has become a habit with some dahlia buyers to order only Achievement Medal, Honor Roll, etc., dahlias. Our experience has been that most of these are poor performers: either weak in growth, bloom or root. A dahlia to deserve such honor should be tried out in every way and proven good for the general public, instead of giving it the honors on a bloom which has been grown in a highly cultured method, by experienced growers.

Our introductions have not been sent to Trial Grounds, nor Exhibition Halls, They have been tried out under ordinary culture and care such as the veriest amateur would give them, thus proving their extreme worthiness and superiority in bloom, growth and root-making. Such honored varieties as, for instance, American Legion, Kaweah and others, while elephantine in size, are absolutely worthless for the avrage grower as he can do nothing with them.

We are introducing a few new varieties this season, all tried and found "true" and satisfactory in every way. Here they are:

- TENDER MEMORIES, this is best described as a light mauve or orchid Kathleen Norris, in color, size and type. Has far better stems, blooms more freely, a much stronger growth and an excellent clump of roots. It is outstanding in every way. Plants are \$5.00, roots \$10.00.
- ROYAL SCARLET is a Formal Decorative 8 to 10 inches in diameter, and 6 inches deep, owing to the recurving of the petals almost to the stem. It is a brilliant deep scarlet, with reverse of petals ivory. Has good habits and merits every honor. Plants, \$5.00, Roots, \$10.00.
- WAR ADMIRAL is an Informal Decorative of giant size and has all good qualities; will satisfy the hard to please with its orange bronze coloring, shading out to a golden buff. You can't miss this one at the low price of \$1.25 per plant, \$2.50 per root.
- OLD IVORY will please you and reward you as well, if you like a Formal Decorative 8 to 10 inches across and 4 inches deep. It is a pure Old Ivory in color, and has no faults. Plants, \$1.50; Roots, \$3.00.
- ANNUNCIATION, another new one, has same form, size and habits as Jane Cowl, but the color is pure gold shading to a burnt orange center. If you have grown Jane Cowl, you know how satisfactory this one will be. Plants, 75c; Roots, \$1.50.
- PHOENIX, is a difficult variety to describe. We call it an Informal Decorative, size about 9x5 inches, and the colors are: a burnt orange face and maroon lake reverse to each petal. Imagine such coloring! You will like it's blooming traits, too. Plants are \$2.50; Roots, \$5.00.

All of our Introductions are sold on a Money-Back Guarantee to please.

Be fair with your grower or dealer; certain seasons or localities cause variations in the dahlia flower. Be sure you are right, then report if a mistake has been made.

### What Others Think Of Our Dahlias:

Each succeeding year we receive more and more appreciative letters from pleased customers. That's what makes life worth living, and helps us like our work. Below are a few of the many letters received last season—full names and addresses furnished cheerfully upon request.

A friend in Woodruff, S. C., writes: "I'm delighted to tell you that my Jersey's Beauty dahlias were lovely this year. Your stock of tubers are by far the best I've ever been able to buy. I have never had a tuber from you which failed to sprout. Also, I wish to thank you for the premium roots. They were fine, particularly a lovely yellow of which you gave me six roots."

And from Marion, Kentucky, a customer writes: "It may be interesting to you to know that your World's Best White won first prize at our County Fair this year as the best bloom in the show; your Rose Glory won second. I've been growing dahlias for pleasure for twenty years, but didn't win a thing in that class. Possibly if I had bought bulbs from you, I might have had better luck."

A. V. L., from Dallas, Texas, tells us: "We think you are the most prompt, courteous, generous and squarest mail order house we have ever dealt with."

And from Weatherford, Texas, Mrs. S. J. L. writes: "I was certainly pleased with the dahlia bulbs which I ordered from you last year. Despite the terrible drought we had here, my dahlias bloomed profusely and I won Five blue ribbons and two reds at the County Fair here on them."

From Chattanooga, Tennessee: "The dahlias I received from you last Spring were lovely, and I want to show my appreciation. They were all you said they would be and all I hoped they would be."

Flower Growing is not only a pastime for children and grandmothers; but is also real up-lifting recreation for the man or woman who has monotonous, dreary tasks to perform throughout the day.

A house is built of bricks and stones, of sills, and posts, and piers;

But home is built of loving deeds that stand a thousand years.

A house, though but an humble cot within its walls may hold

A home of priceless beauty rich in Love's eternal gold.

Roots can be mailed out any time between January 1st and June 1st. After April 10th there is no danger of freezing if sent by mail. If wanted before then, send 10c extra for Insurance.

!!! EXTRA SPECIAL !!!
Mail us your order immediately upon receipt of this booklet, and you may choose any roots in the General List (except those market \*) at one-half price!!

A MOST ASTOUNDING OFFER

Mail us your order before April 1st, and you may take advantage of any of the exceptional offers listed below:

With an order for \$2.00 or more you may have a root of either Kiss of Dawn or Crimson King, each worth \$2.00, for only 50c.

If your order amounts to \$3.00, you may have a root of Midsummer Night's Dream for only 50c additional.

If your order amounts to \$5.00 you may have a root of Tender Memories for only 50c additional, and if it amounts to \$7.00 you may have Tender Memories, free!!

!!! LOOK AT THIS !!!

If your order, amounting to \$1.00 or more, is postmarked March 10th or April 18th, you may have any variety in the entire list (except those marked \*) at one-half price. Your order must be post-marked on one of these two dates.

Send us your order in on any date whatever, for \$1.00 or more, leaving selection of varieties to us, and we will send you two dollar's worth of roots for every dollar sent.

> HERE IS OUR ONLY PLANT SPECIAL, and it is a good one:

You may select any \$3.00 value from the following for \$2.00, or any \$7.50 value for \$5.00.

America's Sweetheart, 75c

Betty Kunzman, \$1.00

Cameo, 50c

Cavalcade, 50c

Donna Capricia, 90c Forest Fire, 60c

Indian Princess, \$2.00 Kiss of Dawn, \$1.00 Midsummer Night's Dream,

Gold Mine, 90c

\$1.50

orest Fire, 60c Tender Memories, \$5.00
If plants are wanted by Special Delivery, which is advisable, add 25c for postage.

MOTHER'S DAY GIFT

A root of Queen of May (see General List) will be given free on request with any order of \$2.50 or more received before Mother's Day. Send Mother a fine new dahlia!!

All 12 of these fine; One for \$6.00, Any 5 for \$3.00, prepaid: Arcturus, Buckeye King, Jewel of India, King of the Blacks, La Fiesta, Long Hill, Monmouth Sunburst, Orange Wonder, The Ultimate, Charlie Chaplin, Princetonian and Potlatch.

One Each of these new, desirable varieties for

\$15.00, or any 6 for \$7.50, prepaid:
America's Sweetheart, Donna Capricia, Forest Fire, Golden Emperor, Darling, Hilcrest Nugget, Good Will, Heavenly, Iroquois Sunbeam, June Dew, Lord of Autumn, Treasure and Washington Giant.

these fine varieties—any 7 for \$6.00, or ALL 16 for \$12.00, prepaid.

Cavalcade, Cameo, Coronado, Palo Alto, Daisy Turnquist, Fire Glow, Hillcrest Fluffy Ruffles, Iroquois Giant, Jane Ross, Monmouth Radiance, Rockley Moon, Sally B., Rose Glory, Spotlight, Sultan of Hilcrest and Zion's Pride.

### **GENERAL LIST**

### **ABBREVIATIONS**

I. D. Informal Decorative; F. D. Formal Decorative; C. Cactus; S. C. Semi-Cactus; P. Peony-flowered; B. Ball-type; Pom. Pompon; Min. Miniature.

The stock of some of the varieties of dahlias listed is not large, and whenever you note a variety with an \*before the name, it indicates that the price of this variety is net and cannot be included in any Special Offer.

If you love a bargain (and who doesn't?) and will observe certain conditions to get it, turn to page 18 and read thoroughly the really wonderful opportunities we are giving you to entice you to forget the Repression and provide some beautiful dahlias for health and enjoyment next summer.

	Lach
*Achievement, I. D., 9x5, yellow tinted rose	\$0.50
A. C. Lawrence, I. D., 8x4, flesh, pink center	.25
Acoushla, F. D., 8x4, brilliant red and buff	.35
Adirondack Sunset, I. D., 10x5, scarlet and gold plants only	1.00
Aida, F. D., 7½x4, dark maroon	.25
Air Mail, F. D., 8x4, lavender to white base	.75
Alba Petite, F. D., 5x3, pure white	.25
Albert Manda, F. D., 7x4, white suffused lavender	.25
Alice Whittier, S. C., 8x4½, primrose yellow	.35
Alight, D., 7x4, soft salmon to amber base	.25
Alladin's Lamp, I. D., $8x4\frac{1}{2}$ , brilliant red orange	.75
Alyce M. Galvin, F. D., 8x4, white tinted pink	1.00
Amber Beauty, S. C., 9½x5, salmon pink, yellow center	1.50
Ambrosia, I. D., 8x4, amber suffused pink	.35
Amelia Earheart, I. D., 9x5, golden salmon plants	.50
*America's Sweetheart, I. D., 9x5, pure yellow. Plants, 75c.	
Roots,	
#Amethyst, I. D., 7x4, silvery lavender	.50
*Andrea Erickson, S. C., 8x5, pure white	.50
Annunciation, I. D., $9x4\frac{1}{2}$ , burnt orange out to deep gold	1.50
Arabela, B., best amber, tinted salmon	.25
Arabian, F. D., golden tan, splashed white	.25
Arcadia, F. D., $7\frac{1}{2}x4$ , ivory white to orchid	1.00
†Arcturus, F. D., 8x5, scarlet red	.60
*Arelda Lloyd, I. D., 9x4, deep yellow. Plants, 50c. Roots	1.00
Avalon, F. D., good clear yellow	.25
*Bagdad, I. D., 8x4, flame scarlet	.30
Barbara Wear, I. D., 8x4, soft light mauve	.35
Beauty, I. D., 8x4, cream and pink	.50
Beauty Pageant, P., 9½x4, salmon pink	.35
Bertha Bernstein, B., light lavender	.25
Betty Kunzman, F. D., 8x4, beautiful cream, each petal out-	
lined orchid	2.00
Billionaire, P., 9x4, deep old gold	.25
†Blue Giant, F. D., 10x4, bluish lavender	.75
Blue Jay, I. D., 8x4½, very deep violet	.35
Blue River, F. D., $9x4\frac{1}{2}$ , almost blue. Plants	.75
Blue Stocking, C., 6x3, purple blue	.25
Blue Train, F. D., blue violet	.75
Bonnie Blue, B., bright lavender blue	.20
*Boy Chick, I. D., 10x4½, garnet red, reverse silvery. Plants.	.50
Brilliance, F. D., 9x4, striking and splendid. Red orange;	
reverse old gold	.75
Buckeye King, F. D., 8½x4, fine gold color	.50

Almost any kind of attached label will sometimes get lost or obliterated; use an indelible pencil, writing or printing the name on a dampened tuber.

	Each
Cairo, F. D., 8x4, orange red	.50
California Idol, F. D., a yellow Murphy's Masterpiece. Plants	1.00
Calumet, D., 7½x4½, chamois and gold shades	.35
Cameo, F. D., 8x4, cameo pink and old gold	.75
Camellia, I. D., 9x4, lemon white	1.00
Camille, F. D., 8x4, white to ivory center	1.00
Canary Cup, Waterlily type, 8x4, clear yellow. Plants only,	.75
Cape May, C., 9x4½, violet rose, lighter center. Plants,	
65c. Roots,	1.25
Carmen, I. D., fine rosy salmon pink	.75
Carmine Queen, F. D., 8x4, light carmine lake	.75
Caroline Miller, F. D., 8x5, amber and gold. Plants, \$1.25	
${ m Roots}$	2.50
Carolyn Thill, F. D., rose chamois	.35
Catherine Duer, D., irridescent red and rose	.25
Catherine Wilcox, F. D., 71/2x4, cream, overlaid deep rose	.30
Cato, C., 7x4½, amber, salmon center	.30
Cavalcade, F. D., mulberry pink, shaded gold. Plants, 50c.	
Roots,	1.00
Champagne, F. D., 8½x4, pinkish chamois	.35
Champoeg, F. D., 8x4½, amber out to rose	.35
Charmer, I. D., 9x4½, golden buff	2.50
Charlie Chaplin, I. D., $9x4\frac{1}{2}$ , golden yellow, center tawny	
orange	1.00
Chastity, F. D., 8x3½, yellow shaded salmon	.35
Chautauqua Regal, F. D., $8\frac{1}{2} \times 4\frac{1}{2}$ , cardinal red; reverse	.00
ivory	.50
Chemar's Eureka, F. D., 8x4, pure white. Light lilac center.	.35
Chemar's Orange Beauty, F. D., 7x4, pink orange	.50
Chemar's U. S. A., I. D., 8x4, golden orange	.35
Chieftain, F. D., $7x3\frac{1}{2}$ , cherry red	.35
Chou, F. D., 7½x4, tyrian rose, marked white	
	.30
City of Trenton, I. D., $10x4\frac{1}{2}$ Tangerine, reverse straw-	.35
berry City of Wellston, F. D., 7½x4, rose purple	.50
	.00
Clara Carder, I. D., 10x5, old rose, suffused and edged gold.	2.00
Plants, \$1.00 Roots	.50
Coiner, I. D., 8x5, light bronze, flushed carmine	.25
Cong. Wolverton, F. D., 8x4, salmon pink	.35
Conquest, F. D., 8x5, beautiful mauve rose	
Contentment, F. D., 6x3, white to ivory center	1.00
Coral Pink, C., $6\times3\frac{1}{2}$ , orange and coral shades	.50
Cornelia B. Pinchot, I. D., 9x5, burgundy red. Plants, 65c.	.50
	1 95
Roots  Coronado, Waterlily-type, rosy apricot	1.25
	.25
Crimson Reputy I D 8x414 hurgundy crimson	
Crimson Beauty, I. D., 8x4½, burgundy crimson	.50
Crimson Glary I D 9x4 doop elerat crimson	
Crimson Glory, I. D., 9x4, deep claret crimson	
Crossus F D 9x414 rich vollow: fine center	.75
Crowden I D 10v5 pure white	1.50 $1.00$
Croyden, I. D., $10x5$ , pure white*  *Daddy Butler, I. D., $7\frac{1}{2}x3\frac{1}{2}$ , carmine, reverse pink	.25
Daddy Kemp, I. D., 142x342, carmine, reverse pink  Daddy Kemp, I. D., giant velvet red. Plants	.60
Daisy Turnquist, I. D., 8x4, deep rose pink and salmon shades,	
Dan Cupid, F. D., 8x4, orchid, lighter edges	.75
Darling F D 8x4 salmon nink tipped ivory	.75
Darling, F. D., 8x4, salmon pink, tipped ivory	
Dazzler, S. C., $6\frac{1}{2}x3\frac{1}{2}$ , dazzling scarlet	
Debutante, F. D., $8x4\frac{1}{2}$ , soft pink, cream center	.75

Nearly all winter loss of roots is caused by "air	_ =
the roots before storing; unless your soil is my	uddy
when digging the roots, put them away as soon as	dug
· · · · · · · · · · · · · · · · · · ·	Eacl
‡Delicatissima, C., 7x3½, beautiful lilac rose	
Don Carlos, C., 7½x4, bright red	
Donna Capricia, F. D., 8x4½, buff, overlaid salmon pink.	
Plants 90c. Roots	. 1.7
Doris Canney, I. D., 8x4, light and deep gold	
Dorothy Stone, F. D., 9x4½, true rose pink	
Dream of Color, F. D., 8x4, magnificent cream pink	
Dreer's Yellow, B., large clear yellow	2
Dr. C. Holcomb, I. D., 9x5, most beautiful of all golden	
yellow dahlias Plants, 75c. Roots	
Dr. H. L. Tevis, F. D., $7\frac{1}{2}x3\frac{1}{2}$ , buff, reverse rosy	
Dr. Tyrrell, D., 7x3½, nearest to true brown	
Dusky Maid, F. D., 7½x4, deep rose crimson	
Dwight W. Morrow, I. D., 9x4, crimson red. Plants, 40c Roots	
Eagle Rock Fantasy, I. D., 9x4½, mallow pink. Plants	.50
Eagle Rock Sunshine, C., 7½x3½, pure yellow	.35
Eagle Rock Wonder, S. C., 9x5, orange, flushed gold and	
salmon	.50
Ecstasy, S. C., 8x4, primrose out to pale pink	.35
*Edna Ferber, S. C., 9x4, coral pink and old gold. Plants	.35
Elegant, F. D., 81/2 x4, a rosy salmon pink Cavalcade	1.50
Elinor M. Radell, I. D., 9x41/2, shell pink, deep rose center	
Elinor Vandevere, F. D., 8½x4½, satin pink	
Eliza London Sheppard, F. D., 8x4, apricot	
El Mahdi, F. D., 9x4½, yellow white and crimson	
El Ray, F. D., 9x5, artistic, rich orange	
Elsa, C., 6x3½, yellow, pink tips	
Eschol, F. D., $7x4\frac{1}{2}$ , burnt orange, reverse maroon lake,	.00
	.75
striking E. T. Bedford, I. D., 8x5, purple, light reverse	
	.25
Etendard de Lyon, S. C., 7½x5, true purple	
Ethel Mower, F. D., 8x4, quilled petals, soft shell pink	.25
*Eva Quadling, I. D., 9x4½, bright crimson, ox-blood center.	.40
Evanescent, P., 9x4½, shades of yellow, white and pink	.35
Faith, F. D., 9x4, pure yellow	.60
Fascination, B., medium size, satin pink	.25
Fern Kyle, F. D., 8x4½, white, overlaid mauve	.35
Fidelity, F. D., 7½x4½, clear lilac	.50
Fire Ball, F. D., $7x4\frac{1}{2}$ , brilliant cardinal red. Plants only	1.50
Fireburst, B. D., medium size, scarlet	.20
Fire Glow, I. D., 8x4, fiery scarlet, center and reverse suf-	
fused violet; fine	1.00
Flesh White, F. D., 8x4, a flesh-tinted white	.35
Florence Louise, I. D., 9x4½, light straw, tinted pink	.50
Fordhook Marvel, F. D., 8x5, strawberry pink	.50
Forest Fire, I. D., 9x5, fire red, splashed deep yellow.	
Plants, 60c. Roots	1.00
Forest Loma, P., 7½x4, pink and yellow shades	.25
Fort Monmouth, I. D., 10x41/2, wine red. Plants, 40c. Roots,	.50
Fort Owen, F. D., 8½x5, rose purple	.75
Frances Bainbridge, I. D., 11x4½, luminous yellow out to	
lighter. Plants, \$1.25 Roots,	2.50
Frank Miller, F. D., 9x4, picric yellow	.50
Freckles, F. D., 6x4, white, speckled rose	.50
Freda Newman, F. D., 7½x3, glistening old gold	.25
Gaiety, F. D., $4x3\frac{1}{2}$ , red, white tips	.25
Gehenna, I. D., 7x3½, fiery orange or henna	.50
	.25
Gen. Buller, C., 5½x3, crimson tipped white	1.00
Genessee, F. D., 8x4½, bronzy orange	1.00
Geneva Beauty, F. D., 8x4½, Naples red, dark red center.	1.50
Plants 1/56 Roots	Lbil

Don't leave more than an inch or so of stem on your dahlia clumps before storing. Sap in the stem may cause the clump to rot.

F	Each
Giant Lyndhurst, I. D., 9x4½, bright scarlet	.50
Giant Yellow, F. D., 9x4, clear deep yellow	.60
*Girl of Hilcrest, I. D., 8x4, Mikado orange	.40
Gladys Sherwood, S. C., 8x4½, pure white	.35
Gloria Stuart, F. D., 8x41/2, cream tipped orchid. Plants,	
65c. Roots	1.25
Gloriana, F. D., 8x4, amber gold	.25
Glorious, I. D., 8½x4½, rich deep rose pink. Plants, 90c.	
	1.75
Glory of Monmouth, F. D., 8x4, salmon pink to orange base,	.50
Glory of New Haven, I. D., 8x4½, orchid lavender	.35
	.50
Glory of Purdue, I. D., 8½x4½, golden amber	
Golden Beauty, D., 8½x4, golden yellow	.60
Golden Dawn, I. D., 8½x4, cream, pink and salmon	1.00
Golden Dream, F. D., 9x5, cadmium yellow, reverse bronze	.50
Golden Eclipse, F. D., 9x4, golden yellow, flushed salmon	.50
Golden Emperor, I. D., 9x5, very deep yellow	1.50
Golden Face, F. D., 6½x3, striking old gold, reverse salmon	
pink	.60
Golden Glory, S. C., 8½x4, deep yellow	.75
Golden Goblin, F. D., 8x5, butter color	.50
Golden Harvest, S. C., 8x5, yellow, orange and salmon	.35
Golden Princess, I. D., 8½x5, golden yellow. Center and	
outer petals salmon. Plants, \$1.25 Roots,	
Golden Robe, F. D., 8x4, orange and gold	.35
Golden Russet, I. D., 10x4, yellow, edged bronze	.60
Golden Splendor, I. D., 8½x5, beautiful yellow	.60
*Golden Standard, C., 9x4, golden tan. Plants	.50
Golden Sunset, I. D., $9x4\frac{1}{2}$ , amber bronze, tinted salmon	1.00
Golden Tip, F. D., 7½x4, old rose pink, tipped gold	.75
Gold Mine, S. C., 8x4½, clear luminous yellow. Plants, 90c.	
Roots	1.75
Gold Rush, F. D., 7½x3½, pure deep yellow	.25
*Good Night, I. D., 9x5, crimson maroon	.50
Good Will, S. C., scarlet pink, shaded violet rose. Plants, 50c	
Roots	1.00
Grace Curling, I. D., 8x4, rosy lavender pink	.35
Graceous, F. D., $8x4\frac{1}{2}$ , cream overcast light pink	.50
Grenadier, F. D., 8x4, tyrian pink and white	.35
Grover Whalen, F. D., 7½x4, orange tinted bronze	.40
Harmony, S. C., $7x3\frac{1}{2}$ , salmon pink, creamy center	.35
Harry Mayer, F. D., 8x4, silver pink, cream center	.25
Harry Sheldon, Jr., D., 8x5, pure white, outer petals pale pink	.35
Harvest Moon, F. D., 8x4, beautiful blend of old gold,	
orange and pink	.50
Hahtor, F. D., 9x4, orange flame	.35
Hawaiian Sunset, I. D., sunset colors	.75
Heart of Milwaukee, F. D., 8x3½, tall, long stemmed golden	
bronze	.40
Heart's Desire, D., 7x3½, light salmon rose	.35
• Heavenly, F. D., $8x4\frac{1}{2}$ , exquisite light orchid	1.25
Heralda, I. D., 7½x4, fluffy lilac, white center	.60
Herald Square, F. D., 8x4, salmon pink and buff	.50
Herald Tribune, F. D., 8x4½, pure white	.35
Hilcrest Fluffy Ruffles, I. D., 9½x4½, apricot	1.00
*Hilcrest Mandarin, I. D., 8½x4, red and gold	.50
Hilcrest Nugget, I. D., 9x5, waved petals, rosy salmon suf-	
fused orange. Plants, 75c. Roots	1.50
Hilcrest Swiss Rose, F. D., $10x4\frac{1}{2}$ , swiss rose	.60
His Eminerice, I. D., 9x4, carmine crimson. Plants, 65c.	
Roots	1.50

No matter what the date—never plant in cold or wet soil. It is better to wait. Dahlias planted under favorable conditions will grow twice as quickly.

	Each .50
Honoribilis, I. D., 9x4, salmon pink, center orange pink Honor Bright, F. D., 8x4, coral rose	.75
Hunt's Velvet Wonder, I. D., 10x5, deep true purple. Plants,	.75
Illuminator, F. D., $7x3\frac{1}{2}$ , luminous deep pink	.35
Illusive, F. D., 7x3½, fawn orchid, tipped sulfur	.35
†°Immaculate, I. D., 8x4, best of all pure white dahlias	.75
Imperial, B., medium sized clear deep purple	.35
Imperial Pink, I. D., 8½x4½, clear rose pink	.50
Indiana, F. D., 8½x4, rose salmon deeper center	1.00
Indiana Moon, I. D., 8x4, bronze and salmon pink	.50
Indiana Maid, S. C., 8x4, pink salmon out to buff	.35
Indian Princess, C., heavy, exceptionally full blooms, 8x41/2	
inches of, brightest Indian red. Best of all red Cactus.	
Plants, 2.50. Roots,	5.00
Indian Summer, F. D., 8x4½, orange salmon; fine	.60
Intensity, S. C., 7½x5, intense rich red	.35
Ironclad, F. D., 8x4½, salmon, shaded bronze	1.50
°Iroquois Giant, I. D., 8x4½, purplish lavender	.75
*Iroquois Sunbeam, F. D., 9x4½, golden orange, overlaid sal-	
mon pink	.75
Ivory, F. D., $8\frac{1}{2}x4$ , ivory white	.75
*Ivory Tones, S. C., 8½x4, ivory white to orchid	.75
I. X. L., I. D., 8½x4½, light rose pink	.75
Jack O' Lantern, F. D., 8x3, orange red, dark center, tips gold,	
Jack Rose, F. D., 6x3, rose red	.15
Jane Cowl, I. D., 10x5, bronze buff and old gold	.25
Jane Dew, I. D., 8½x5, true clear pink. Plants, 50c. Roots.	1.00
Jane Ross, F. D., 8x5, purple crimson	1.00
#Janet Southwick, I. D., 8x4½, light carmine rose	
Jasmine, I. D., 7½x5, yellow, blending to ivory	
Java, I. D., 8x4½, amber, out-lined salmon rose	.35
J. D. Long, I. D., $7\frac{1}{2}x3\frac{1}{2}$ , amber shaded pink	.40
Jean Chazot, I. D., $8x5$ , yellow, salmon and rose	.25
Jean Kerr, B. D., $5x3\frac{1}{2}$ , pure white cut-flower	.25
*Jean Trimbee, I. D., 9x6, true deep purple, a giant. Plants,	
40c. Roots	.50
Jerome Kern, I. D., 8x5, salmon buff, curled	.60
Jersey's Beacon, I. D., 9x5, chinese orange	.25
Jersey's Beauty, F. D., 7½x4, true pink	
*Jersey's Dainty, C., 7x3½, white tinted lilac	.75
Jersey's Jewel, F. D., 8x4, lavender	.35
Jersey's King, F. D., 71/2x4, red and rose	.35
#Jersey's Melody, S. C., 8x5, tyrian rose, tip and reverse silver,	.60
Jersey's Radiant, D., $8x3\frac{1}{2}$ , bittersweet orange	.35
Jersey's Souvereign, F. D., 8x5, salmon orange	
Jersey's Supreme, S. C., 8½x4, violet lavender	
† Jewel of India, I. D., 9x5, brilliant crimson	
J. H. Jackson, C., 7x3½, velvet crimson	
Joy, F. D., 8x5, light yellow to orchid pink	
Jubilee, C., 8½x4, orchid violet	.40
Judge A. B. Parker, F. D., 8½x4, copper and gold	
Julia Irene, I. D., 10x5, rose pink. Plants	
Junior, F. D., 9x4½, lavender	
Kashmir, F. D., 8x4, orange gold	
*Kathleen Norris, I. D., 8½x5, true pink. Roots  *Kay Francis C. 8x4 greenwy light lemon. Plants	
*Kay Francis, C., 8x4, creamy light lemon. Plants *Kemp's Violet Wonder, I. D., 9x5, violet purple. Plants, 40c	.50
Roots,	.50
Kentucky, F. D., 7½x4, orange pink Jers. Beauty	
Kentucky Cardinal, F. D., 8x5, cardinal red	

Dahlia roots received before you are ready to plant, must be protected from dryng air by covering them with soil, sand, peat or other mulch material.

	Each
Kentucky Colonel, I. D., 8x4½, cream to mallow pink tips	.50
*Kentucky Red, I. D., 8x5, flame scarlet. Plants, 40c. Roots.	.50
King Arthur, D., 7x4, lovely red shade	.60
King Boreas, I. D., 8x5, yellow out to soft pink	.60
†°King of the Blacks, F. D., 9x4½, the best 'black' dahlia	
anywhere	.50
King of Yellows, C., 7½x5, clear yellow	.75
Kiss of Dawn, I. D., 8x4½, pure gold, flushed salmon pink.	
Plants, \$1.00 Roots,	2.00
*Kitty Mac, I. D., 11x6, recurving, Petunia purple. Plants	
Lady Grace, F. D., 8x5, buff, center salmon pink	.75
*Lady M. Ponsonby, I. D., 9x5, clear deep yellow	.75
La Fiesta, S. C., butter yellow, pencilled red	.75
Lawine, C., 6x4, white, flushed pink	.25
*Lawrence Tibbets, F. D., 8x5, glowing peach pink. Plants,	
75c. Roots	1.50
Lemon Beauty, S. C., 8x5, lemon yellow	.75
Light of Asia, F. D., 9x5, golden yellow, heavily suffused	
rose pink	1.25
Lillian Baldwin, F. D., 8x5, glowing rose	.35
L'Immaculate, P., 8½x4, white, cream center	.35
† Long Hill, I. D., 9x5, curly bronzed yellow	.75
*Lord of Autumn, F. D., 10x5½, giant yellow. Plants, 75.	
Roots	1.25
Lord Carlton, F. D., 8½x5, rosy salmon pink	1.00
Lorelei, F. D., 8½x5½, cream, edged rosy pink	.50
Louise Bates, S. C., $10x4\frac{1}{2}$ , mallow pink, center phlox purple;	
fine. Plants	.75
Louisville, F. D., 8x5, clear old rose	2.00
Mad. D. Van Bijstein, P., 6x3, very like an orchid	.35
Mae Grefe, S. C., $7x3\frac{1}{2}$ , cream pink	.25
*Man O' War, I. D., 8½x4, dark velvet red. Plants, 50c. Roots,	1.00
Mammoth, S. C., 9x5, deep gold suffused red bronze. Plants,	
\$1.00. Roots	2.00
Marbled Gem, I. D., 7½x4, rose pink and orchid	.35
Marcella, F. D., 5x3, soft light pink	.25
Marg. Masson, F. D., $8x3\frac{1}{2}$ , silvery rose pink	.25
Marg. W. Wilson, I. D., 9x5, phlox pink	.29
Margrace, I. D., 10x5, scarlet, tipped and striped gold, plants,	1.00
Marmora, F. D., 9x5, soft rose pink	1.00
Mary Ellen, F. D., 9x4, light violet rose	.50
Masterpiece, D., 7x3½, amber yellow and orange	.25
Matchless, waterlily type, 7½x3½, sulfur	.50
Maude Adams, B., white, overlaid rose pink	.25
May Trower, I. D., 8x4, gold to apricot	.25
Meadow Brook, I. D., 9x5, light violet	.50
Meadow Lark, F. D., 8x4½, pure salmon amber	.60
Melody, F. D., 6x4, soft light yellow	.25
Metallic, I. D., 8x3½, deep orange bronze	.50
Meta Scammel, S. C., $7\frac{1}{2}x3\frac{1}{2}$ , amaranth pink	.25
Midsummer Night's Dream, F. D., $8\frac{1}{2}x4\frac{1}{2}$ , soft salmon pink,	
each petal tipped deep ivory. Beautiful. Plants, \$1.50	9.00
Roots	3.00
Mildred Slocomb, F. D., 7½x3½, light orchid	.25
Minnie Eastman, S. C., 8x4, flame, shaded yellow	.40
Miss America, S. C., 8x5, amber gold	.50
Miss California, D., 8½x4, oriental Fuschia	.40
Monmouth Beauty, F.D., 8x5, salmon orange	.50

Read your catalog thoroughly; you might miss a valuable suggestion otherwise.

	- · ·
	Each
*Monmouth Champion, D., 11x4½, deep orange	.40
Monmouth General, I. D., 9x3½, bright Henna	.50
Monmouth Jewel, F. D., 8x4, deep orange to gold	.50
Monmouth Radiance, I. D., 9x4½, coral pink, suffused primrose	.75
Monmouth Sunburst, F. D., 9x4, salmon orange to a yellow	00
center	90
Montana, I. D., 8x4, recurving, Venetian red	1.00
Mordella, D., 9x4, apricot buff	.25
Morocco, F. D., 7x3, striking deep purple, tipped white	.25
Mr. Crowley, F. D., $6\frac{1}{2}x3\frac{1}{2}$ , orange and pink	.25
Mr. H. C. Dreselhuys, F. D., $5x3\frac{1}{2}$ , lovely little true pink	.35
*Mrs. A. B. Seal, I. D., 10x4, shadings of rose	.35
Mrs. C. H. Breck, F. D., 9x4, white, marked pink	.25
Mrs. Carl Salbach, F. D., 8x3½, lilac pink	.20
Mrs. Edna Spencer, C., 6x3, lilac pink	.50
Mrs. E. L. Hathaway, F. D., 9x4, orchid	.25
Mrs. Emily Davie, F. D., 8x5, quilled light pink	.25
Mrs. E. T. Barnes, F. D., $7x3\frac{1}{2}$ , bright crimson	.25
Mrs. Geo. Le Boutillier, I. D., 10x5, rich carmine to cardinal	
red center. Plants	.75
Mrs. Ida Chase, C., 8x4, lemon yellow to pink. Pale lilac	0 -0
reverse. Plants, \$2.00, Roots	3.50
Mrs. I. de ver Warner, F. D., 9x4, clear lavender	.25
Mrs. J. G. Cassatt, F. D., 7½x3½, true pink	.25
Mrs. J. T. Scheepers, F. D., 9x4, cream, outer petals pale or-	0=
chid pink	.35
Mrs. Roosevelt, B., pale creamy pink	.25
Mrs. W. E. Estes, I. D., $7\frac{1}{2}x3\frac{1}{2}$ , pure white	.35
Mrs W. E. Whitney, D., $7\frac{1}{2}x3$ , pink, to yellow	.25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.	
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet. Plants, 75c. Roots,	1.50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze	1.50 .40 .50 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,	1.50 .40 .50 .25 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants	1.50 .49 .50 .25 .50 1.25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose	1.50 .40 .50 .25 .50 1.25 1.50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose	1.50 .49 .50 .25 .50 1.25 1.50 .75
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose	1.50 .40 .50 .25 .50 1.25 1.50 .75 1.00
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange	1.50 .40 .50 .25 .50 1.25 1.60 .35 .35
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze.  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  ‡Orchid, F. D., 7½x5, fine light orchid	1.50 .40 .50 .25 .50 1.25 1.50 .75 1.00 .35 .75
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  ‡Orchid, F. D., 7½x5, fine light orchid  Oregon Beauty, P. D., 6x4½, rich crimson	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00 .35 .75
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  †Orchid, F. D., 7½x5, fine light orchid  Oregon Beauty, P. D., 6x4½, rich crimson  *Oriental Beauty, C., 8x3½, beautiful pink	1.50 .40 .50 .25 .50 1.25 1.00 .35 .75 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose.  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  †Orchid, F. D., 7½x5, fine light orchid  Oregon Beauty, P. D., 6x4½, rich crimson  *Oriental Beauty, C., 8x2½, beautiful pink  Oriental Glory, I. D., 9x4, deep orange	1.50 .40 .50 .25 .50 1.25 1.50 .75 1.00 .35 .50 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00 .35 .75 .50 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  †Orchid, F. D., 7½x5, fine light orchid  Oregon Beauty, P. D., 6x4½, rich crimson  *Oriental Beauty, C., 8x3½, beautiful pink  Oriental Splendor, I. D., 9x4, deep orange  Oriental Splendor, I. D., 8x5, bronze and gold  Orinda, F. D., 9x4, mauve pink	1.50 .40 .50 .25 .50 1.25 1.00 .35 .75 .50 .25 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40 .50 .25 .50 1.25 1.50 .75 1.00 .35 .75 .50 .25 .50 .90
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange.  Myra Valentine, F. D., 8x5, golden bronze.  Nency Helen, I. D., 7x3½, creamy shrimp pink.  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze.  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants.  Old Rose, I. D., 8x5, light salmon rose.  Old Virginia, I. D., 9x4½, soft violet.  Olive Pickford, B., 6x3½, amber overlaid rose.  Omar Khayam, I. D., 10x5, Chinese red to orange.  †Orange Wonder, S. C., 8x5, red orange.  †Orchid, F. D., 7½x5, fine light orchid.  Oregon Beauty, P. D., 6x4½, rich crimson.  *Oriental Beauty, C., 8x3½, beautiful pink.  Oriental Splendor, I. D., 9x4, deep orange.  Oriental Splendor, I. D., 8x5, bronze and gold.  Orinda, F. D., 9x4, mauve pink.  Paddy, D., 8x4, salmon buff.  Pale Face, B., 4½x3½, pale lilac; perfect.	1.50 .40 .50 .25 .50 1.25 1.00 .35 .75 .50 .25 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange  Myra Valentine, F. D., 8x5, golden bronze  Nency Helen, I. D., 7x3½, creamy shrimp pink  Nature's Masterpiece, I. D., 8x4, rose, mulberry and bronze.  Oakleigh Monarch, I. D., 10x5½, brilliant red, Plants,  Old Ivory, F. D., 9x4½, pure old ivory shade. Plants  Old Rose, I. D., 8x5, light salmon rose  Old Virginia, I. D., 9x4½, soft violet  Olive Pickford, B., 6x3½, amber overlaid rose  Omar Khayam, I. D., 10x5, Chinese red to orange  †Orange Wonder, S. C., 8x5, red orange  †Orchid, F. D., 7½x5, fine light orchid  Oregon Beauty, P. D., 6x4½, rich crimson  *Oriental Beauty, C., 8x3½, beautiful pink  Oriental Glory, I. D., 9x4, deep orange  Oriental Splendor, I. D., 8x5, bronze and gold  Orinda, F. D., 9x4, mauve pink  Paddy, D., 8x4, salmon buff  Pade Face, B., 4½x3½, pale lilac; perfect  *Palo Alto, I. D., 9½x4½, gold overlaid salmon. Plants, 50c.	1.50 .40 .50 .25 .50 1.25 1.00 .35 .75 .50 .25 .50 .90
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .49 .50 .25 .50 1.25 1.50 .35 .75 .50 .25 .50 .90 .75 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00 .35 .75 .50 .25 .50 .90 .75 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots, *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40 .50 .25 .50 1.25 1.00 .35 .75 .50 .25 .50 .75 .50 .75 .50 .75 .50
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots, *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00 .35 .50 .25 .50 .90 .75 .25 .1.00 .75 .50 1.00
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .49 .50 .25 .50 1.25 1.50 .75 1.00 .35 .50 .25 .50 .90 .75 .25 1.00 .75 .25 .25 1.00 .75 .25
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40 .50 .25 .50 1.25 1.00 .35 .50 .25 .50 .50 .50 .50 .75 .50 .75 .50 .75 .75 .75 .75 .75 .75 .75
Murphys' Masterpiece, I. D., 10x5, deep red, shaded garnet.  Plants, 75c. Roots,  *Myra Howard, I. D., 9x5, Ochraceous orange	1.50 .40 .50 .25 .50 1.25 1.50 .75 1.00 .35 .50 .50 .90 .75 .25 .50 .75 .35 .25 1.00 .75 .35 .35

If you sell Dahlias, send your card or letter-head our wholesale list.	for Each
Penn Charter, I. D., 8½x4, old gold shaded rose	.35
Perle de Lyon, C., 7x3, pure white	.25
Phoenix, I. D., 9x4, burnt orange, reverse maroon lake.	0.50
Plants  Pink Beauty, F. D., 7½x3½, light rose pink	2.50 .50
Pink Elinor Vandevere, F. D., deeper pink than Elinor Van-	.00
devere	.35
Pink Flamingo, F. D., 6x3, rose pink, white tips	.20
Porthon F. D. 734 interes and	.60
Porthos, F. D., 7x4, intense red	.25 .75
†°Pot O' Gold, I. D., 8½x5, golden yellow	.75
Pride of Austinburg, I. D., 10x5, Grenadine pink, suffused	
yellow, reverse and center rose. Plants only	1.25
Primula Rex, I. D., 8x4, white, ivory center	.35 .75
Prince of Orange, I. D., 8x5, rich burnt orange	.50
Princess Eleanor, I. D., 7½x5, mulberry bronze	.50
Princess Juliana, P. D., 6x4, pure white	.25
Princess Pat, I. D., $7\frac{1}{2}x3\frac{1}{2}$ , old rose and pink	.35
Princetonian, I. D., $8\frac{1}{2}x5$ , light orange yellow to coral pink, Priscilla, F. D., $8\frac{1}{2}x4\frac{1}{2}$ , pale lilac	.50 .25
Prof. Mansfield, B., red, white and orange	.25
<b>Purity, F. D., 7x3½, pure white</b>	.25
Purple Giant, P., 9x4, Royal purple	.50
Purple Haze, I. D., 8x3½, mauve rose and pink	.50
Purple Queen, C., $7x3\frac{1}{2}$ , deep purple	.35 .20
Queen of Hearts, C., 6x3, white, lemon center	.35
Queen of May, I. D., 8x4½, amber, out-lined salmon rose	
*Queen of the Garden, F. D., 8½x5, deep cream	
Queen of Yellows, B., pure yellow	.20
*Rainbow's End, I. D., $8\frac{1}{2}x4\frac{1}{2}$ , red and gold	.75 1.25
Rapiere, S. C., 7½x4, shades of gold	.35
Red Bronze, F. D., 6x3, bronzy red	.20
Red Giant, F. D., 9x4, true flag red, brilliant color	
Red Planet, F. D., $8x4\frac{1}{2}$ , Cerise red	
Red Sunrise, F. D., 6x3, rich red	
Rev. Jamieson, C., 6x3, deep violet	
•Reverie, I. D., 8x4, white, heavily tipped orchid rose	
*Robert E. Lee, I. D., 8x5, brilliant red	
*Rockley Moon, F. D., 8½x5, light lemon yellow	
Rollo Boy, C., 8x3½, amber to gold	
Romantic, F. D., 9x4, rosy fawn pink	.75
Romeo, F. D., 7½x4, brilliant scarlet crimson	
Rookwood, I. D., 8x4, deep orchid	
Rose Giant, S. C., 8½x5, rose pink	
Rose Glory, F. D., 9x5, beautiful rose color, best stems and	
general habits of any dahlia we grow	
Rose Ivory, F. D., 8x5, rose salmon, tipped ivory	
Rose Marie, F. D., $7x3\frac{1}{2}$ , beautiful pale mauve	
Rosy Morn, B., salmon, overlaid rose	
Royal Purchase, C., 8x4, yellow, outer petals suffused pink.	
Plants only	
Royal Scarlet, F. D., 8x6, brilliant deep scarlet, reverse ivory.  Plants	
Ruby, S. C., 8x5, very full deep crimson	
Ruby Taylor, I. D., 8x4½, deep carmine	
Ruth van Fleet, I. D., 8x3½, light yellow	.50

When ordering, name second choice; we may be out of some varieties.

	Each
Sagamore, F. D., $8x3\frac{1}{2}$ , amber gold	.25
Salem Pride, F. D., 8x5, violet, white points	.35
Sally B., F. D., 9x5, true rose pink	.90
Salmon Supreme, F. D., 8x5, clear salmon pink	.60
Samarkand, I. D., 9x5, cerise rose, beautiful color. Plants, 65c. Roots	1.25
Sanhican Bluebird, I. D., 8x5, bluish violet	.25
Sanhican Monarch, I. D., 8x5, tyrian rose	.35
Sanhican Rosalie, I. D., 8x4, shaggy deep rose	.35
*Satan, S. C., 11x5, scarlet shaded yellow. Plants, 40c. Roots,	.50
Seal's Californian, F. D., 8x31/2, chrome yellow and orange	.50
Sebastopol, F. D., 6x3, pure red orange	.30
•Shahrazade, I. D., 10x4½, rose pink; fine	.50
*Shalimar, F. D., 9½x4, resembling a huge red Poinsetta.	
Plants, 50c. Roots	1.00
Shirley Shattuck, I. D., 9x4, silvery lavender	.50
Snowdrift, F. D., 9x4, pure white	.35
*Sonny Boy, I. D., 11x6, salmon pink. Plants 50c. Roots	.75
Sonny Masson, I. D., $8\frac{1}{2}x4\frac{1}{2}$ , red and gold	.60 .50
Souv. G. Doazan, F. D., 9x4, brick red	.15
‡Splendor, F. D., 9x4, beautiful crimson	.50
Spotlight, I. D., 9x4½, clear light yellow. Plants, 40c. Roots,	.75
Square Deal, F. D., 7½x4, amber to salmon pink	.25
Standard Bearer, C., 5½x3, scarlet	.25
Star of Bethlehem, S. C., 8x4, pure white	.50
Starlight, S. C., 8x4½, real gold shade	.35
Storm King, B., 5x3, pure white	.20
Stradella, B., 6x3, deep purple crimson	.20
Sulfur Clay F. D. 8x4 pure sulfur shade	.35 .50
Sulfur Glow, F. D., 8x4, pure sulfur shade* *Sultan of Hilcrest, F. D., 10x5, buff, suffused salmon pink.	.90
Plants, 50c. Roots	.75
Sun Glow, S. C., 8x5, yellow to bronze pink	.50
Sunnybrook, F. D., 7x3, brightest warm yellow	.35
Sunset Glow, I. D., 8x5, orange and pink shades	.50
Supreme Glory, F. D., 10x5, golden yellow, tipped pink	.50
Susan, B., 4x3, soft pink	.20
Sweet Adeline, I. D., 9½x4½, yellow, veined silver. Plants,	
75c. Roots	1.50
Sweetheart, C., 7x3½, pure white	.35
Sylvia, B. D., 4x3, rose pink to white center	.15 .75
• Tender Memories, I. D., 9x5, see description elsewhere in this	
catalog. Plants, \$5.00. Roots	10.00
Thais, C., $6x3\frac{1}{2}$ , white, suffused mauve	.35
The Champion, F. D., $8x4\frac{1}{2}$ , quilled old gold	.60
*The Commodore, F. D., 11x5, pure yellow	.35
*The Fireman, I. D., 9x5, red tipped yellow. Plants, 50c. Roots,	.75
The Earl, S. C., $8\frac{1}{2}x4\frac{1}{2}$ , salmon pink to yellow	1.00
The Boson D. 2011/ delice pink to reallow	.40
The Rosary, D., $8x4\frac{1}{2}$ , delice pink to yellow	.50 .40
<b>The Ultimate, F. D.</b> , 8x4, rose pink	.60
*The World, I. D., $8\frac{1}{2}x4\frac{1}{2}$ , deep rose magenta	.40
*Thos. A. Edison, F. D., 9x4½, royal purple	.40
Tiara, I. D., 9x5, red orange, dusted gold	.75
Tippecanoe, F. D., 7½x3½, yellow to salmon, suffused car-	•
mine	.75
Tower's Empire, I. D., 10x5, clear gold. Plants, \$1.00. Roots,	107
Trader Horn, D., 8x4, carmium yellow to rose,,	.50

В	efore	ope	ening	your	plant	package	don't	fail	to	read
the	cultu	ral	direct	tions	on pag	ge 1.				

the cultural directions on page 1.	
	Each
Treasure, F. D., 8½x4½, salmon rose and gold. Splendid	1.00
Ty Cobb, I. D., 8x5, crimson red	.50
Velvet Beauty, I. D., 8x5, deep red velvet	.50
Venetian, I. D., 7½x5, venetian red	.40
Virginia Rae, I. D., 9x5, old gold to orange	.50
Wachtung Wonder, I. D., 10x5, royal red	.75
Waldheim Sunshine, I. D., $10x4\frac{1}{2}$ , golden yellow	.35
War Admiral, I. D., 9x5, burnt orange, deeper center. Rich coloring. Plants	1.25
Washington City, F. D., 8x3½, pure white	.35
Washington Giant, I. D., 10x5, lavender. Plants, 50c. Roots,	1.00
Wedding Bells, I. D., 8x4½, clear yellow	.75
Wenoka, F. D., $9x4\frac{1}{2}$ , rosy mauve. Plants only	.75
White Gold, F. D., 8x3½, lemon out to white	.40
White Perfection, F. D., 8x3½, pure white	.40
*White Wonder, I. D., 10x5, white	.49
Wine Ball, B., wine crimson; fine	.35 $.50$
Yankee King, F. D., 8x4, copper rose and gold	.25
Zion's Pride, I. D., 10x4½, pure yellow	.75
, , , , , , , , , , , , , , , , , , , ,	
<b>A.A.</b>	
Miniatures	
A. D. Livona, Min. Ball, shell pink	80.10
Babette, MinDec., carmine, flushed violet to yellow base	.75
Baby Royal, Min. I. D., salmon and apricot	.25
Bishop of Llandaff, Min. Single, strong red, dark glossy foli-	
age. Plants	.40
Color Riot, Min. Ball, purple, tipped white	.25
Cutie, Min. Dec., shell pink to white center. Plants  Dainty, Min. Cac., cream, out to soft salmon pink	.50 .50
Darkey, Min. B., light maroon	.15
Delicat, Min. C., salmon pink to yellow base	.35
Eden, Collarette, pure white	.35
Ethel Cravens, Min. D., light pink	.50
Fairy, Min. D., light rose, tinged salmon	.35
Fairy Wand, Min. C., soft light pink and cream. Plants, 40c.	
Roots	.75
Frank A. Walker, Min. Dec., pink	.15 $.25$
Gold Drop, Min. Dec., pure yellow	.60
Little Jewel, Min. Dec., rose pink	.25
*Little Nemo, Min. D., deep red, white points	.40
Little Pearl, Min. B., light shrimp pink	.50
Little Snow Queen, Min. C., pure white. Plants,	.50
Lyndhurst, Min. D., pure scarlet	.15
*Orchid Lady Min Ball soft orchid	.25
*Orchid Lady, Min. Ball, soft orchid	.50 .15
*Red Head, Min. Dec., red orange; fine stems	.30
Red Hussar, Min. B-D., bright red	.10
Rouge, Art type, carmine, heavy white points. Plants	.50
Pompons	
Achilles, very light pink, deep pink center	\$0.35

 Don't fail to take advantage of the real bargains in this booklet. See pages 5, 18-20.

•	Each
Amber Queen, amber shaded apricot	اعدا 15.
Ariel, amber, tinted pink	.28
Blixen, light yellow, overlaid pink	.78
Bo Peep, best of all pompons, rose mauve. Plants, 40c. Roots,	.6(
	.25
Bronze Beauty, buff, to deep orange center	.20
Brunette, maroon	
Calumet, rosy lavender	.20
Cardinal, cardinal red, new	.5(
Catherine, pure yellow	.25
Charming, white, heavily overlaid soft pink	.3!
Darkest of All, quilled, velvety dark maroon	.35
Darkeye, ivory, center and outer mauve	.30
Dee Dee, bluish lavender	.25
Delicacy, white, heavily suffused mauve pink	.30
Doncaster, deep maroon	.28
Doodle Bug, light yellow out to pink, new	.50
Dr. Jim, deep lavender to white base	.25
Eleganta, white, tinted flesh	.38
Elfin, cream	.35
Eunice, white, center and outer deep mauve	25
Fairy Queen, buff, overlaid rose red	.2
Fascination, satin pink	.20
Fashion, old gold, burnt orange center	.25
Flaming Dot, scarlet to yellow base, new	.78
Foxie, crimson, overlaid pink	.50
Frau Dr. Knabe, quilled ivory tipped lavender	.38
Freibright, primrose, fine color and habits	.25
Gem of Beauty, pale lavender, tipped purple	.25
Gipsy, bright red to glowing yellow base	.50
Glow, deep buff, overlaid deep crimson	.30
Grus Aus Wien, strawberry	.25
Hazel, light amber gold.:	.35
Hedwig Polwig, maroon red, marked white	.20
Indomitable, deep plum	.15
Innocence, pure white	.50
Kandy Kid, yellow, salmon pink tips	.50
Kupfer, deep old rose and bronze	.25
Little Beeswing, gold, entirely covered deep red	.28
Little Devil, scarlet, new	.7:
Little Donald, deep crimson	.28
	.25
Little Edith, clear yellow tipped orange red	
Little Eva, light maroon cardinal	.50
Little Gem, light yellow, faint pink center	.25
Little Herman, cardinal, white tips	.25
Little Imp, fiery light orange red	.75
Little Johnnie, bright scarlet	.25
Little Kohner, orange, speckled maroon	.25
Little May, pure yellow	.25
Little Torch, strong yellow, heavily tipped crimson	.50
Little Vixen, pale buff, tipped light rose	.75
Madcap, amber yellow, center and tips strong red	.50
Madeline, buff yellow, overlaid deep rose	.25
Mischief, rose pink, tip and center carmine	.75
Phoebe, golden amber, tips and center orange	.25
Primrose Gem, primrose yellow	.35
Prince Charming, rose purple to pale pink	.20
Raphael, very dark red	.20
Red Bird, light red	.25
Red Hot, flaming orange	.75
Saucy Chit, cardinal, new	.50
Shadow, butter yellow, center rose	.50

Many of our own originations are standard on the market today.

	Each
Snowbird, paper white	25
Snowclad, pure white	25
Star of the East, pure white	25
Sunbeam, crimson scarlet	25
Sunny Daybreak, deep yellow, covered orange red	25
Sunset, bright orange	35
Sunshine, scarlet crimson	25
Sweet Marie, pale pink, overlaid deep crimson	25
Tom Tit, scarlet to yellow base	50
Vivid, vivid scarlet	25
Winifred, rose pink, light center	25
Yellow Gem, clear yellow	25

### Dahlia Seed

A limited amount of seed, from very finest of Prize Winners, for \$1.00 per packet of twenty-five seed. Finest Miniature Seed, same price. Best of Pompon seed, 50 for \$1.00.

### Fine Gladioli

- 3 large blooming-size bulbs of each of the above varieties, unlabelled, only \$1.00 prepaid.
- 3 large blooming-size bulbs of any 12 varieties listed, all labelled to name and prepaid, only \$1.00.
- 10 of any variety of gladioli except Picardy, 25c. Picardy, 10 for 35c. Ten each of any three varieties, labelled to name, 65c. Postage extra, unless Order amounts to \$1.00 or more.

MEXICAN EVER-BLOOMING TUBE-ROSES

Lovely, fragrant flowers of thick wax-like texture, borne on graceful, long stems. Plant after all danger of frost has passed, and cover two inches deep. They will make thick, grass-like foliage, and bloom during the entire summer. Near a drain, where an abundance of water is available, is an ideal planting place. 30 blooming-size bulbs, \$1.00 prepaid.

### SURPRISING VALUE IN SPECIAL OFFERS YOU'LL LIKE

Any of these will be sent, postpaid and labelled, at price named:

- \$1.00. Ten different dahlias, our choice.
- Six Prize-Winners, our choice.
- \$1.00. Four different "Certificate of Merit" dahlias, our choice.
- \$1.00. Ten dahlias, labels lost in handling, May be a \$5.00 root in this.
- Ten exquisite Pompon dahlias, labels lost in \$1.00. handling.
- Our choice, one each of seven types of dahlias: Formal and Informal Decoratives, Cactus and Semi-Cactus, Ball, Pompon and Miniature.
- \$1.00. Three roots each, of our finest Cannas: City of Portland, Wyoming, Louisiana Red, Apricot and Yellow King Humbert. Also, ten everblooming tuberoses. All for \$1.00.
- \$1.00. Your choice, any seven of these Giant-flowering Dahlias:

<del>-</del>0-

Harry Mayer

Eunor Vandevere
Etendard De Lyon
E. T. Bedford
Flesh White
Forest Loma
Harry Mayer

Judge A. B. Parker
Margaret W. Wilson
Mildred Slocomb
Mrs. Carl Salbach
Mrs. W. E. Whitney
Sanhican Monarch Margaret W. Wilson

\$1.00. Your choice, any seven of these lavender and purple dahlias:

Albert Manda
Blue Stocking
Bonnie Blue
Etendard de Lyon
Jersey's Jewel
Margaret W. Wilson

Mildred Slocomb
Edw. T. Bedford
Orchid
Priscilla
Sanhican Bluebird
Sanhican Monarch

\$1.00. Your choice, any seven of these red and maroon

Catherine Duer Oregon Beauty Red Giant Prince of Persia

Red Sunrise Wine Ball

Red Hussar Souv. G. Doazan Standard Bearer Fireburst Gaiety

Stradella

EXTRAORDINARY VALUE!! With any of the folyou may choose, free of charge, an equal value from any varieties in our General List except those marked \*:

Charlie Chaplin King of the Blacks

Rose Glory Heavenly Paramount Reverie Cameo

**Immaculate** Glorious

Cavalcade Dream of Color Midsummer Night's Dream

Iroquois Giant Tender Memories Jewel of India Prince of Persia Long Hill

Marmora Pot O' Gold Shahrazade

\$1.00. Your choice, any seven of these ivory, yellow

-0-

and gold dahlias:

Dreer's Yellow Freda Newman Pond Lily Queen of Yellows Arabella

Jane Cowl Sunnybrook Primula Rex The Rosary

Indian Maid

Misses Younger

Melody Mordella

\$1.00. Any seven of these pink dahlias:

**Dorothy Stone** Elinor Vandevere Ethel Mower Heart's Desire

Mrs. J. G. Cassatt **Fidelity** Pink Flamingo World's Desire

Mrs. Carl Salbach Mrs. Roosevelt

\$1.00. Any seven of these autumn shades. **Doris Canney** Paul Bonyon Harvest Moon

Herald Square Judge A. B. Parker

Alight

Gloriana

The Monster

Square Deal Monmouth Beauty Prof. Mansfield Rodman Wanamaker King of Commerce

\$1.00. Any seven of these cute Pompons:

Amber Queen Fascination Prince Charming Star of the East

Alewine Calumet Fairy Queen Phoebe Freibright Little May **Brunette** Indomitable

\$1.00. Any seven of these Miniatures:

Color Riot A. D. Livona

Baby Royal Delicat

**Futurity** 

Frank A. Walker

Lyndhurst **Madsion Cawein** Red Hussar

Darkey

Queen of Belgians

Little Jewel

\$3.50. Amber Beauty, Croesus, Darling and Elegant. A \$6.00 value!!

--0-

\$3.85. Glorious, Golden Emperor, Donna Capricia and His Eminence; a \$6.50 value!

\$4.85. Betty Kunzman, Kiss of Dawn, Mammoth and Louisville; an \$8.00 value!

\$3.00. Rainbow Gold, Heavenly, Annunciation and Reverie; a \$5.25 value!

\$4.25. Caroline Miller, Frances Bainbridge and Golden Princess; a \$7.50 value!

\$2.00. Buckeye King, Florence Louise, Orchid, Amethyst, Rose Marie and Shahrazade; a \$2.90 value!

Three new ones: Forest Fire, Conquest and Iroquois Giant.

\$2.90. Any six of these splendid ones:

Arcturus King of the Blacks

Blue Giant Hilcrest Mandarin

**Immaculate Ivory Tones** Jewel of India Long Hill Myra Howard

Orange Wonder Paramount

Pot O' Gold

Full length indelible pencils (for marking roots) can be sent (with orders only) at 25c for 3 pencils.

\$2.00. Four very select dahlias:

Carmine Queen

Brilliance

Immaculate

Debutante

\$2.75. Three new ones: Treasure, America's Sweetheart and Charlie Chaplin.

\$2.00. Any six of these fine ones:

Amethyst

Meadowbrook

City of Wellston

Orchid

Delicatissima

Pansy G. White

**Fidelity** 

Pond Lily

Harvest Moon

Prince of Persia

Herald Square

Splendor

Janet Southwick

The Ultimate Trader Horn

Jersey's Melody Monmouth Beauty

World's Desire

\$5.50. Two unbeaten new ones: Indian Princess and Midsummer Night's Dream.

### Controlling Insect and Disease Pests

Plant diseases are of many kinds. Some, such as mildew, leafspot and rust attack leaves. Others, as fire blight, damage branches and stems of plants. Some, such as root rot, waylay the plant at the roots. Some diseases such as mosaic seem to disturb plant life processes in some way, no one is sure as to just how. These diseases are spread by various agencies as soil, wind, insects, contact, seed, tools shoes of the gardener and birds.

Some of the better known ways of controlling various diseases, depending upon their characteristics, are by spraying, dusting, seed treatment, soil disinfection, rotation, planting on new and clean ground, breeding resistant strains, destroying infected portions or crop residues.

### INSECT PESTS

Insects are of two general kinds, chewing and sucking. The first, such as leaf-eating beetles, grasshoppers, and caterpillars, eat tissues or leaves and are controlled by a stomach poison applied to the plants. The most satisfactory poisons are lead arsenate and calcium arsenate. Various others in common use are paris green and hellebore.

Sucking insects pierce the leaves or other covering and suck the plant juices from within, so they must be killed by some contact poison which kills by its burning action, poisoning through the breathing apparatus or by suffocation. Among these insects are thrips, aphids, scales and mealy-bugs. The chief contact insectides are nicotine sulphate, nicotine dust, laundry soap, pyrethrum powder, dusting sulphur, lime sulphur, glue, kerosene, kerosene emulsion, lubricating oil emulsion and miscible oils.

For control of insects and plant diseases, much the simplest procedure in the average sized home garden (ornamental or vegetable) is to go to the local dealer who specializes in garden supplies, buy the chemicals needed in prepared form under trade names and use these according to the manufacturer's directions. Be sure, of course, to read labels and directions on package before buying. Buy nationally advertised goods of known effectiveness when possible. Also arm yourself with printed literature. Much can be done indirectly in controlling pests. Keep down weeds that serve as plant hosts. Pick off diseased leaves or cut out diseased limbs. Pick up fallen leaves that are diseased. Pull out wilted down plants. Clean up fence rows and mow adjacent vacant lots that might harbor both insects and host plants of diseases.

In the fall clean up and destroy any tops or residue in border or vegetable garden that might harbor pests. A good control is to spade ground in the fall, and let it lie unraked until spring. Sun, wind, cold and birds together will destroy many insects this way.

During the growing season keep a daily watch on your plants. Don't wait until they are heavily infested to get busy. Dust or spray at first appearance of a pest and, with especially dangerous pests, before you see any, as a sound preventative.

Dusting is superceding spraying for much control work and, for the home gardener, dusting is much more convenient. A small hand duster can be obtained in various sizes and styles, ranging from \$1.25 up. For spraying, a small fruit jar container type will suffice for average home use.

### SOME COMMON CONTROL FORMULAS

Formula 1—Aphids—Make spray by dissolving 1 ounce or 1/3 bar laundry soap in a gallon of hot water and mixing in 1½ teaspoonfuls of nicotine sulphate. Soap and water often give good control. Spray on cloudy day or late afternoon. Give another application in a week. Aphids attack chrysanthemums, beans, cabbage, cauliflower, cucumbers, currants, muskmelon, peas, potatoes, roses, spinach, tomatoes, columbines, calendulas, cinerarias, cosmos, delphiniums and snapdragons.

### Formula 2-Cutworms and Grasshoppers-

Use the following:

Bran - - - - - - 1 quart Paris green - - - - 1 level teaspoonful Ground orange or lemon - - - 1 level teaspoonfuls Water - - - - 1 pint

Mix bran and paris green dry. Stir it and finely ground fruit into the water. Pour the sweetened liquid over the poisoned bran and mix thoroughly. Apply thinly where insects are feeding. Apply in evening or early morning for grasshoppers. Apply in evening for cutworms. For cutworms, it can be placed under pieces of board or bark in small piles. Keep away from chickens. Repeat in three days if necessary.

Formula 3—Red Spider—Spray with considerable force, using a mixture of 1 pound of ordinary glue dissolved in 10 gallons of water. This spider attacks evergreens, roses, raspberry plants and various other shrubs and trees.

Formula 4—Bordeaux Mixture—This is the most widely used chemical for control of diseases and occasionally against insects. It is made by combing copper sulphate, hydrated lime and water, the proportions usually given as a formula as 4-6-50. Various college bulletins give directions as to making this in quantity, but for use by the average small home owner it is preferable to buy commercial formulas already mixed or ready to mix with water. Bordeaux mixture has many uses in addition to those given in the table following, for which see books and bulletins.

Formula 5—Dusting Sulphur—Fine dusting sulphur, (not ordinary sulphur) is used alone for rust and mildew on many plants. A mixture of 90 parts dusting sulphur and 10 parts dry arsenate of lead is widely used for mildew, slugs, blackspot and leaf blotch on roses.

Formula 6—Copper Lime Dust—By combining 20 parts monohydrated copper sulphate and 80 parts fresh hydrated lime, a dust has been put on the market which when combined with dew makes the equivalent of bordeaux mixture. This is now used for leafspot on chrysanthemums, ivy, phlox and zinnias, for botrytis rot on primroses and begonias, for anhtracnose on pinks and for other diseases.

Formula 7—Miscible Oils—These oils, readily purchased at any supply store, are used as dormant sprays, just before growth begins in spring, on evergreens, deciduous trees and shrubs to control aphids, soft scale insects and mites.

### REFERENCES FOR READING

Write to Dept. of Entomology, United States Department of Agriculture, Washington, D. C., for any of the following bulletins, giving number of bulletin you want. They are free.

"Diseases and Insects of Garden Vegetables," by W. Gilbert and C. H. Popenoe. Farmer's Bul. 1371.

"Insect Enemies of the Flower Garden," by C. A. Weigel and William Middleton. Farmers' Bul. 1495.

"Insects Injurious to Deciduous Fruit Trees, etc," by Jacob Kotinsky. Farmers' Bul. 1169.

"Insecticides, Equipment and Methods for Controlling Orchard Insect Pests." Farmers' Bul. 1666-F.

"Dahlias for the Home." Farmers' Bulletin 1370.

### KUNZMAN

### NEW ALBANY, INDIANA

:							
	DATE	Make all remittances payable to	ORDER NO.				
	R	UTH KUNZMA	N				
	NEW ALBANY, INDIANA						
	Name	(Please PRINT name plainly)	•••••				
	Street, P. O.	Box or Route	•••••				
DO NOT TEAR OUT	City						
		Quantity	Variety	Price			
	1						
		-	-				
		1					
			-				
CUT	. —————		-				
Z							
THIS							
LIZ	·						
E							
LINE							
-			1				

Add 25 cents for postage and packing and we will include an extra 50c root free on any retail orders.

Add 10c for postage on orders of less than \$1.00.

### GET EXTRA ROOTS FREE!

Do not send us a lot of names, promiscuously; but, send us the names (and full addresses) of any and all real Dahlia Buyers you know of. We will card-file these names, with your name as the sender thereof, and will give you free roots of your own selection to an amount equal to one-fourth the value of all orders received from these names during the entire season.

	NAMES AN	D ADDRESSI	ES :	
			,	•
				·
,				- 1
		•		
			•	
•		,		
				-
				٠.
				٠



## JOIN THE

# AMERICAN DAHLIA SOCIETY

We invite our friends and customers to join the American Dahlia Society and become a part of this great National organization whose interest is devoted solely to the improvement of the Dahlia.

The Quarterly Bulletin—a real Dahlia Magazine—gives all the up to date Dahlia news, information about, and illustrations of new varieties, the latest cultural hints and is a real worth while guide to any lover of Dahlias. The Bulletin alone is worth many times the cost of the annual dues.

East Lansing, Michigan, where new varieties are tested and scored each year. A test garden is also maintained at Cornell University, Ithaca, New York, for research work on insect and disease control. Full reports from all these gardens are published from time to time. Trial Gardens are maintained at Connecticut College, Storrs, Connecticut, and The Michigan Agricultural College,

Dahlia "fans" in every state of the Union and many foreign countries are members and frequently contribute news to the Bulletin. Membership includes admission, and the privilege of exhibiting at all our National exhibitions which are held each September in some National center.

Dues \$2.00 per year Payable in advance

JOIN NOW—and we know you will not regret doing so

IERICAN DAHUA

To C. Louis Alling, Secretary of The American Dahlia Society, Inc., 251-37 Court Street, West Haven, Connecticut.

APPLICATION FORM-

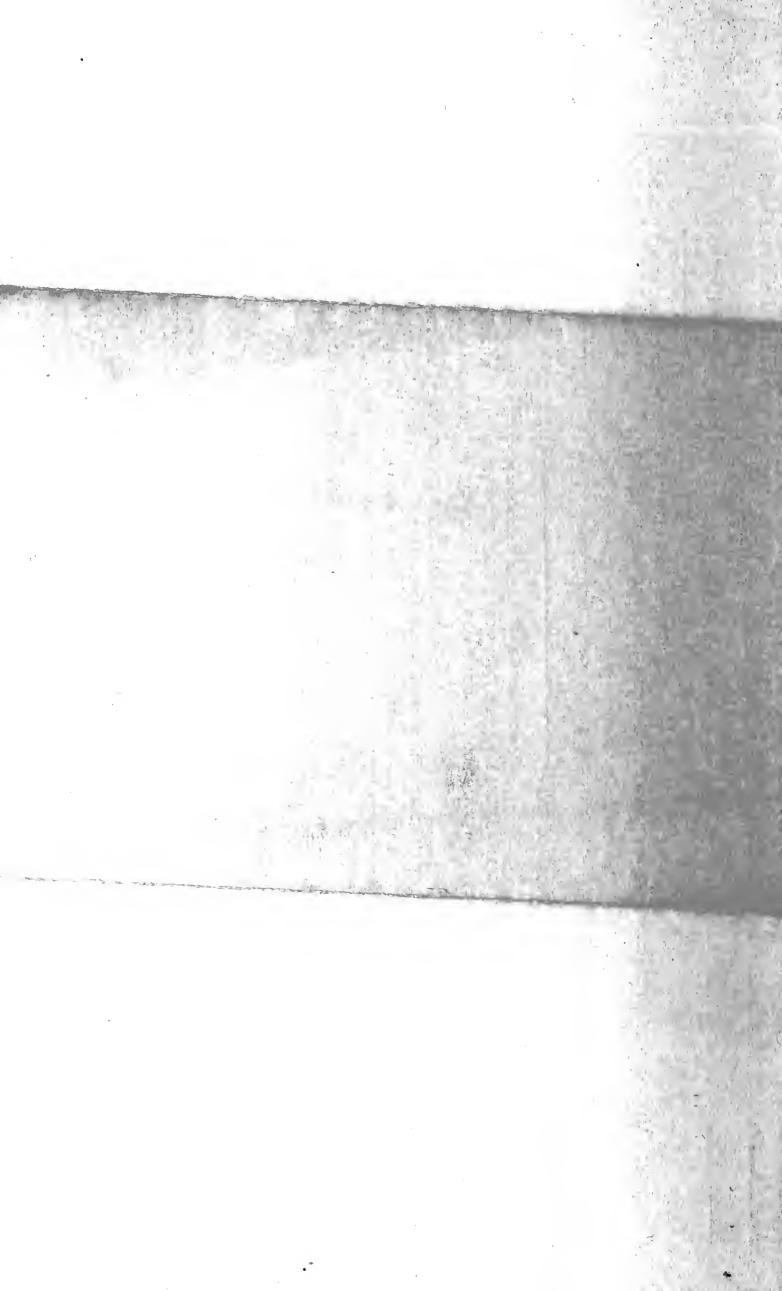
of the current Bulletin. Enclosed find \$2.00 for which please enroll me as a member of your Society. Send copy

Z
a
Ħ
P

Address ...

**KUNZMAN'S DAHLIAS** 

Proposed by



### GROWING OLD

A little more tired at the close of the day; A little less anxious to have our way; A little less ready to scold and blame; A little more care of a brother's name; And so we are nearing the journey's end Where time and eternity meet and blend.

A little less care for bonds and gold, A little more zest in the days of old, A broader view and a saner mind, And a little more love for all mankind; And so we are faring a-down the way That leads to the gates of a better day.

A little more love for the friends of youth, A little less zeal for an estabished truth, A little more charity in our views, A little less thirst for the daily news; And so we are folding our tents away And passing in silence at close of day.

A little more leisure to sit and dream, A little more real the things unseen, A little nearer to those ahead, With visions of those long-loved and dead; And so we are going to where all must go, To the place the living may never know.

A little more laughter, a few more tears, And we shall have told our increasing years; The book is closed and the prayers are said, And we are a part of the countless dead. Thrice happy, then, if some soul can say: "I lived because he has passed my way."

Rollin J. Wells.

A bit of ground, to tinker 'round, A little patch, to dig and scratch, A rake and hoe, to make things grow, Some flowers blue, a babe or two— What's left to want? I ask of you!

-Fred Smidley.

## In The Waste Basket In The Waste Basket Greatest Dahlia Bargains Ever Offered

RUTH KUNZMAN INDIANA DAHLIAS NEW ALBANY, INDIANA

3 Entire Farms Devoted to Dahlias

Sec. 562 P. L. & R. U. S. POSTAGE

1c PAID
NEW ALBANY, INI
PERMIT 67

Roy Magruder, #97 Elm Ave., Takoma Park, Md.